LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010719\
Data File : VU029049.D
Acq On : 07 Jan 2019 10:51
Operator : MD/SY
Sample : K1048-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0951

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.398	63	70	84	rVB	109593	108987	16.27%	2.187%
2	1.672	148	155	169	rVB	79528	96621	14.43%	1.939%
3	2.270	330	341	353	rBV	158854	239271	35.73%	4.802%
4	2.447	385	396	417	rBV	36342	63531	9.49%	1.275%
5	2.691	470	472	473	rBV	149	63	0.01%	0.001%
6	2.832	508	516	528	rVB3	1276	2775	0.41%	0.056%
7	3.019	569	574	578	rBV	149	180	0.03%	0.004%
8	3.186	619	626	635	rVB4	735	1311	0.20%	0.026%
9	3.430	699	702	707	rBV	107	79	0.01%	0.002%
10	3.604	753	756	760	rBV	108	80	0.01%	0.002%
11	3.803	814	818	825	rBV	131	148	0.02%	0.003%
12	3.858	831	835	841	rBB	96	89	0.01%	0.002%
13	3.887	841	844	851	rVB	159	131	0.02%	0.003%
14	4.006	873	881	885	rVV4	591	870	0.13%	0.017%
15	4.041	889	892	895	rBV	134	76	0.01%	0.002%
16	4.176	920	934	968	rBV	56900	152873	22.83%	3.068%
17	4.498	1032	1034	1036	rVB2	248	96	0.01%	0.002%
18	4.511	1036	1038	1041	rVB	149	83	0.01%	0.002%
19	4.646	1064	1080	1103	rBV	107206	251376	37.54%	5.045%
20	4.829	1133	1137	1139	rBV	85	73	0.01%	0.001%
21	4.877	1149	1152	1159	rVB3	346	454	0.07%	0.009%
22	4.948	1171	1174	1181	rBV	67	80	0.01%	0.002%
23	4.983	1181	1185	1187	rVV	177	141	0.02%	0.003%
24	5.022	1191	1197	1199	rBV	74	85	0.01%	0.002%
25	5.144	1230	1235	1239	rBV	59	63	0.01%	0.001%
26	5.183	1244	1247	1250	rVB	117	66	0.01%	0.001%
27	5.260	1263	1271	1272	rBV	82	89	0.01%	0.002%
28	5.337	1272	1295	1324	rBV2	232064	669675	100.00%	13.440%
29	5.585	1369	1372	1375	rVV2	207	175	0.03%	0.004%
30	5.614	1378	1381	1386	rVB2	185	140	0.02%	0.003%
31	5.729	1411	1417	1422	rBV	131	161	0.02%	0.003%
32	5.781	1427	1433	1435	rBV	197	154	0.02%	0.003%
33	5.884	1450	1465	1487	rBV	194530	379585	56.68%	7.618%
34	6.090	1528	1529	1534	rVB2	141	113	0.02%	0.002%

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Operator : MD/SY
Sample : K1048-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0951

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Title : VOC Analysis

35	6.250	1574	1579	1582	rBV	69	68	0.01%	0.001%
36	6.327	1589	1603	1625	rBV	152213	302373	45.15%	6.069%
37	6.453	1640	1642	1644	rVB	257	65	0.01%	0.001%
38	6.469	1644	1647	1648	rBV	128	73	0.01%	0.001%
39	6.581	1677	1682	1684	rBV	251	253	0.04%	0.005%
40	6.655	1701	1705	1710	rVV	195	213	0.03%	0.004%
41	6.723	1723	1726	1731	rVB2	209	163	0.02%	0.003%
42	6.755	1732	1736	1739	rVV	152	111	0.02%	0.002%
43	6.778	1741	1743	1746	rVV	154	69	0.01%	0.001%
44	6.803	1748	1751	1753	rVV	161	80	0.01%	0.002%
45	6.823	1754	1757	1761	rVV	338	297	0.04%	0.006%
46	6.890	1775	1778	1781	rVV	108	68	0.01%	0.001%
47	6.999	1809	1812	1813	rBV	149	97	0.01%	0.002%
48	7.083	1834	1838	1846	rBV	129	159	0.02%	0.003%
49	7.157	1856	1861	1863	rBV	170	139	0.02%	0.003%
50	7.225	1871	1882	1905	rBV	87022	155474	23.22%	3.120%
51	7.353	1920	1922	1926	rVB	177	101	0.02%	0.002%
52	7.392	1926	1934	1942	rBV3	2160	3311	0.49%	0.066%
53	7.462	1954	1956	1959	rBV	168	71	0.01%	0.001%
54	7.562	1974	1987	2005	rBV	303778	532618	79.53%	10.690%
55	7.761	2047	2049	2052	rVB2	270	132	0.02%	0.003%
56	7.848	2065	2076	2092	rBV	59549	101730	15.19%	2.042%
57	7.954	2107	2109	2113	rBV	150	127	0.02%	0.003%
58	8.147	2165	2169	2170	rBV	122	79	0.01%	0.002%
59	8.241	2193	2198	2203	rVB2	221	226	0.03%	0.005%
60	8.308	2207	2219	2249	rBV	182880	314990	47.04%	6.322%
61	8.469	2263	2269	2277	rVB7	1215	1885	0.28%	0.038%
62	8.514	2281	2283	2286	rVB	287	124	0.02%	0.002%
63	8.643	2320	2323	2326	rBV	121	79	0.01%	0.002%
64	8.681	2332	2335	2337	rBV	175	115	0.02%	0.002%
65	8.755	2356	2358	2360	rBV	133	74	0.01%	0.001%
66	8.797	2366	2371	2375	rBV	204	157	0.02%	0.003%
67	8.897	2400	2402	2406	rBV	177	94	0.01%	0.002%
68	8.942	2412	2416	2420	rVB2	186	169	0.03%	0.003%
69	9.086	2449	2461	2480	rBV	275678	456486	68.17%	9.162%
70	9.241	2507	2509	2511	rBV	143	84	0.01%	0.002%
71	9.446	2570	2573	2574	rBV	141	83	0.01%	0.002%

LSC Area Percent Report

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Acq On : 07 Jan 2019 10:51
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Instrument : MSVOA_U
ClientSampleId : C0951

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Title : VOC Analysis

72	9.578	2611	2614	2617	rBV	203	124	0.02%	0.002%
73	9.649	2633	2636	2637	rBV	133	74	0.01%	0.001%
74	9.681	2643	2646	2648	rBV	132	89	0.01%	0.002%
75	9.777	2672	2676	2677	rBV2	337	222	0.03%	0.004%
76	9.877	2704	2707	2709	rBV	97	63	0.01%	0.001%
77	9.900	2711	2714	2720	rVV2	188	232	0.03%	0.005%
78	9.925	2720	2722	2727	rVV	189	132	0.02%	0.003%
79	9.964	2731	2734	2737	rVV	241	155	0.02%	0.003%
80	10.035	2754	2756	2759	rVV	181	95	0.01%	0.002%
81	10.096	2772	2775	2778	rVB	184	94	0.01%	0.002%
82	10.430	2866	2879	2899	rBV	203950	323440	48.30%	6.491%
83	10.607	2930	2934	2936	rBV	360	296	0.04%	0.006%
84	10.932	3033	3035	3039	rVB	220	132	0.02%	0.003%
85	10.967	3045	3046	3052	rVB	184	88	0.01%	0.002%
86	11.031	3063	3066	3068	rVB2	162	92	0.01%	0.002%
87	11.263	3135	3138	3140	rBV	234	119	0.02%	0.002%
88	11.279	3140	3143	3146	rBV	251	156	0.02%	0.003%
89	11.382	3172	3175	3177	rBV	164	107	0.02%	0.002%
90	11.482	3194	3206	3229	rBV	245818	386999	57.79%	7.767%
91	11.658	3259	3261	3264	rVB2	206	118	0.02%	0.002%
92	11.697	3270	3273	3277	rVB	198	110	0.02%	0.002%
93	11.755	3283	3291	3300	rBV5	2388	4302	0.64%	0.086%
94	11.858	3311	3323	3341	rBV	260671	422167	63.04%	8.473%
95	12.253	3443	3446	3448	rBV2	179	102	0.02%	0.002%
96	12.417	3494	3497	3500	rVB	227	148	0.02%	0.003%
97	12.466	3509	3512	3515	rBV2	303	210	0.03%	0.004%
98	12.816	3619	3621	3623	rBV	262	111	0.02%	0.002%
99	13.228	3747	3749	3751	rBV	180	74	0.01%	0.001%
100	13.601	3862	3865	3870	rBV2	449	346	0.05%	0.007%

Sum of corrected areas: 4982528

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010719\
Data File : VU029049.D
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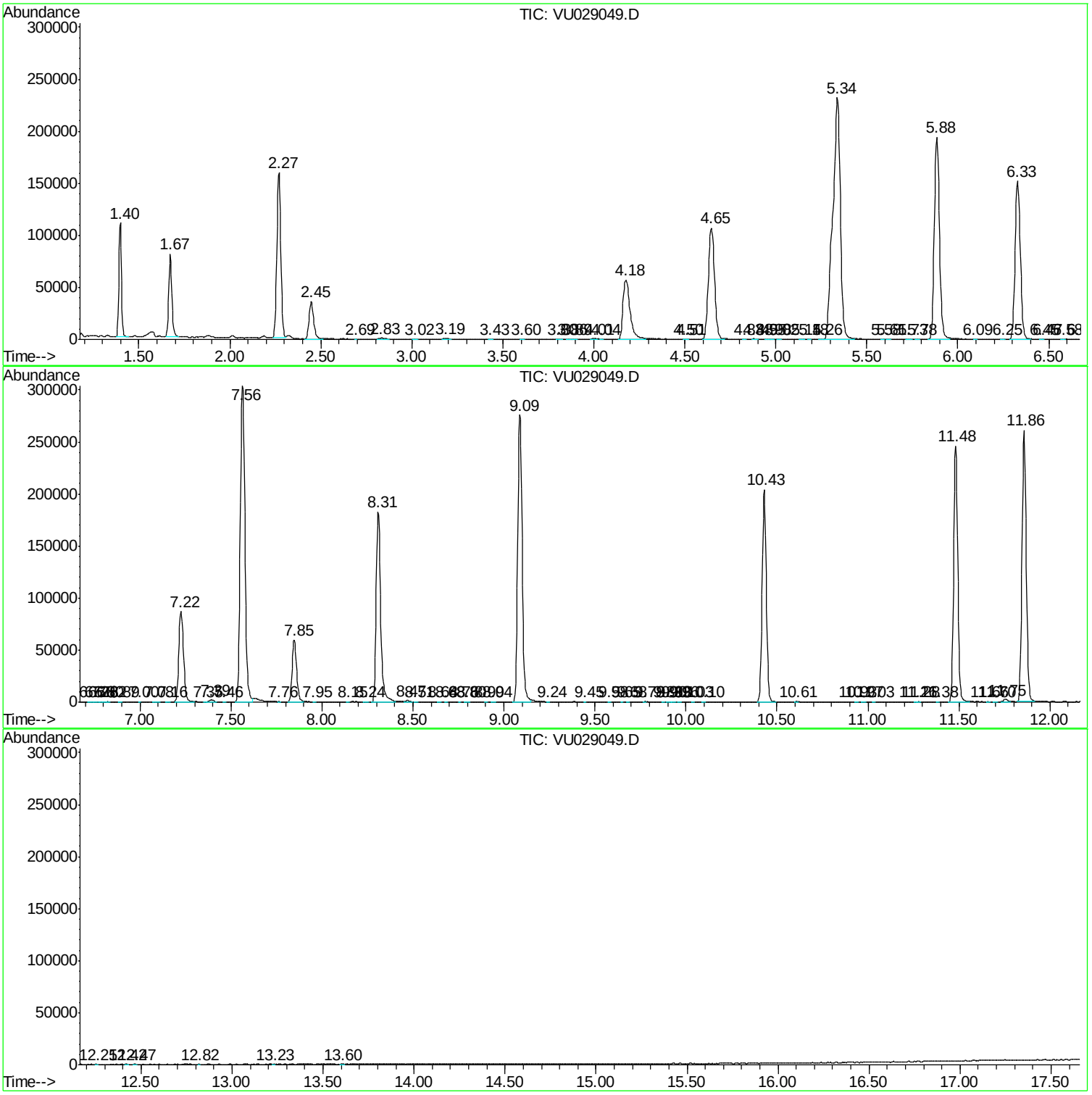
Operator : MD/SY
Sample : K1048-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0951

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010719\
Data File : VU029049.D
Acq On : 07 Jan 2019 10:51
Operator : MD/SY
Sample : K1048-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0951

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis

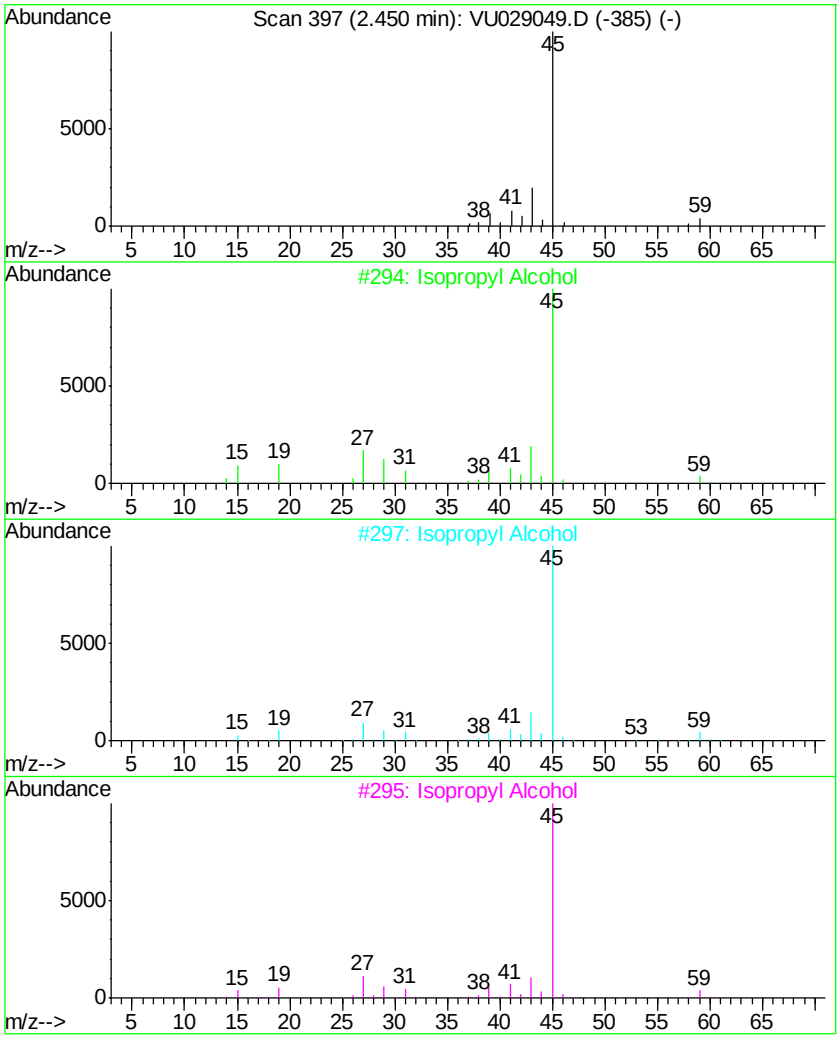
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

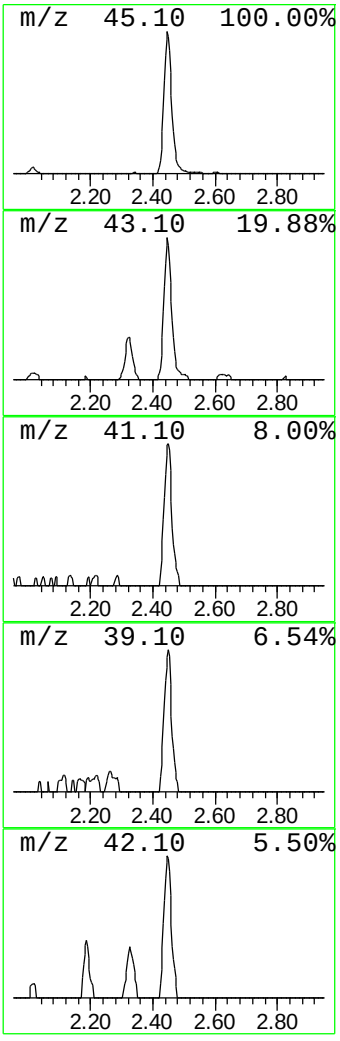
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.45	8.37 ug/L	63531	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	74
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	64
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4	4-Penten-2-ol	86	C5H10O	000625-31-0	9
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	9





Tentatively Identified Compound (LSC) summary

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Instrument : MSVOA_U
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Isopropyl Alcohol	2.45	8.4	ug/L	63531	1	5.88	379585	50.0